

# GLYCERIA DECLINATA (POACEAE) NEW TO THE FLORA OF TEXAS

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## ABSTRACT

*Glyceria declinata* Brébiss (Poaceae) is reported new to Texas and diagnostic features are presented to distinguish it from the other three species of *Glyceria* in that state.

## RESUMEN

*Glyceria declinata* Brébiss (Poaceae) Se cita como nueva para Tejas se presentan las características diagnósticas para diferenciarla de las otras tres especies de *Glyceria* en el estado.

Low glyceria (***Glyceria declinata*** Brébiss) (Poaceae) (Fig. 1) is a European species that has become established on the western seaboard of North America from southern British Columbia to southern California (Barkworth & Anderson 2007; Whipple et al 2007)). It is also reported from northeastern Nevada, Arizona, and Long Island, New York. Saichuk et al (1981) reported it new to Louisiana from Jefferson Davis Parish and Allen et al (2004) lists it from nine additional parishes. Three species of *Glyceria* (*G. arkansana* Fern., *G. septentrionalis* A. Hitchc., and *G. striata* (Lam.) A. Hitchc.) are reported for Texas (Diggs et al. 2006; Barkworth



FIG. 1. *Glyceria declinata* Brébiss from Hitchcock (1950: 86, fig. 94).

& Anderson 2007; USDA, NRCS 2009), This collection is apparently the first collection of *G. declinata* for Texas. *Glyceria declinata* can be separated from *G. striata* by its erect rigid pedicels, spikelets longer than 5 mm with more than seven florets, and lemmas longer than 2.5 mm compared to weak flexuous pedicles, spikelets shorter than 5 mm with seven florets or fewer, and lemmas shorter than 2.5 mm in *G. striata*. *Glyceria declinata* is a smaller stature plant (shorter than 0.5 m) and has lemma apices that are irregularly lobed compared to tall plants (mostly 1 m and taller) and lemmas with entire to slightly crenate apices in both *G. arkansana* and *G. septentrionalis*.

Voucher specimens: **TEXAS. Newton Co.:** Caney Creek Park, S of Hwy. US 190 in Newton, 30° 50' 842"N 93° 45' 802"W, 17 Mar 2008, Allen and Lewis 20732 (BRIT, FTPK).

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